

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/527,692
Source: IFWP
Date Processed by STIC: 10/10/2006

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 10/10/2006

PATENT APPLICATION: US/10/527,692

TIME: 14:20:09

Input Set : A:\2005-12-01 0020-5352PUS1.ST25.txt

Output Set: N:\CRF4\10102006\J527692.raw

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3 <110> APPLICANT: Haruo Sugiyama
5 <120> TITLE OF INVENTION: CANCER ANTIGEN PEPTIDE FORMULATIONS
7 <130> FILE REFERENCE: 0020-5352PUS1
9 <140> CURRENT APPLICATION NUMBER: US 10/527,692
10 <141> CURRENT FILING DATE: 2005-03-11
12 <150> PRIOR APPLICATION NUMBER: PCT/JP2003/011675
13 <151> PRIOR FILING DATE: 2003-09-12
15 <160> NUMBER OF SEQ ID NOS: 3
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 449
20 <212> TYPE: PRT
21 <213> ORGANISM: Homo sapiens
23 <400> SEQUENCE: 1
24 Met Gly Ser Asp Val Arg Asp Leu Asn Ala Leu Leu Pro Ala Val Pro
25   1           5           10           15
27 Ser Leu Gly Gly Gly Gly Gly Cys Ala Leu Pro Val Ser Gly Ala Ala
28           20           25           30
30 Gln Trp Ala Pro Val Leu Asp Phe Ala Pro Pro Gly Ala Ser Ala Tyr
31           35           40           45
33 Gly Ser Leu Gly Gly Pro Ala Pro Pro Pro Ala Pro Pro Pro Pro Pro
34   50           55           60
36 Pro Pro Pro Pro His Ser Phe Ile Lys Gln Glu Pro Ser Trp Gly Gly
37  65           70           75           80
39 Ala Glu Pro His Glu Glu Gln Cys Leu Ser Ala Phe Thr Val His Phe
40           85           90           95
42 Ser Gly Gln Phe Thr Gly Thr Ala Gly Ala Cys Arg Tyr Gly Pro Phe
43           100          105          110
45 Gly Pro Pro Pro Pro Ser Gln Ala Ser Ser Gly Gln Ala Arg Met Phe
46           115          120          125
48 Pro Asn Ala Pro Tyr Leu Pro Ser Cys Leu Glu Ser Gln Pro Ala Ile
49           130          135          140
51 Arg Asn Gln Gly Tyr Ser Thr Val Thr Phe Asp Gly Thr Pro Ser Tyr
52 145          150          155          160
54 Gly His Thr Pro Ser His His Ala Ala Gln Phe Pro Asn His Ser Phe
55           165          170          175
57 Lys His Glu Asp Pro Met Gly Gln Gln Gly Ser Leu Gly Glu Gln Gln
58           180          185          190
60 Tyr Ser Val Pro Pro Pro Val Tyr Gly Cys His Thr Pro Thr Asp Ser
61           195          200          205
63 Cys Thr Gly Ser Gln Ala Leu Leu Leu Arg Thr Pro Tyr Ser Ser Asp
64           210          215          220
66 Asn Leu Tyr Gln Met Thr Ser Gln Leu Glu Cys Met Thr Trp Asn Gln
67 225          230          235          240

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69 Met Asn Leu Gly Ala Thr Leu Lys Gly Val Ala Ala Gly Ser Ser Ser
70      245      250      255
72 Ser Val Lys Trp Thr Glu Gly Gln Ser Asn His Ser Thr Gly Tyr Glu
73      260      265      270
75 Ser Asp Asn His Thr Thr Pro Ile Leu Cys Gly Ala Gln Tyr Arg Ile
76      275      280      285
78 His Thr His Gly Val Phe Arg Gly Ile Gln Asp Val Arg Arg Val Pro
79      290      295      300
81 Gly Val Ala Pro Thr Leu Val Arg Ser Ala Ser Glu Thr Ser Glu Lys
82 305      310      315      320
84 Arg Pro Phe Met Cys Ala Tyr Pro Gly Cys Asn Lys Arg Tyr Phe Lys
85      325      330      335
87 Leu Ser His Leu Gln Met His Ser Arg Lys His Thr Gly Glu Lys Pro
88      340      345      350
90 Tyr Gln Cys Asp Phe Lys Asp Cys Glu Arg Arg Phe Ser Arg Ser Asp
91      355      360      365
93 Gln Leu Lys Arg His Gln Arg Arg His Thr Gly Val Lys Pro Phe Gln
94      370      375      380
96 Cys Lys Thr Cys Gln Arg Lys Phe Ser Arg Ser Asp His Leu Lys Thr
97 385      390      395      400
99 His Thr Arg Thr His Thr Gly Lys Thr Ser Glu Lys Pro Phe Ser Cys
100      405      410      415
102 Arg Trp Pro Ser Cys Gln Lys Lys Phe Ala Arg Ser Asp Glu Leu Val
103      420      425      430
105 Arg His His Asn Met His Gln Arg Asn Met Thr Lys Leu Gln Leu Ala
106      435      440      445
108 Leu

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111 <210> SEQ ID NO: 2

112 <211> LENGTH: 9

113 <212> TYPE: PRT

114 <213> ORGANISM: Artificial Sequence

116 <220> FEATURE:

117 <223> OTHER INFORMATION: Synthetic peptide derived from positions 235 to 243 of human

WT1

119 <400> SEQUENCE: 2

120 Cys Met Thr Trp Asn Gln Met Asn Leu

121 1 5

124 <210> SEQ ID NO: 3

125 <211> LENGTH: 9

126 <212> TYPE: PRT

127 <213> ORGANISM: Artificial Sequence

129 <220> FEATURE:

130 <223> OTHER INFORMATION: Synthetic peptide of human WT1 wherein Met at position 236
in the

131 spanning region of positions 235 to 243 is altered into Tyr

133 <400> SEQUENCE: 3

134 Cys Tyr Thr Trp Asn Gln Met Asn Leu

135 1 5

VERIFICATION SUMMARY

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